

### Mobile User Objective System (MUOS)

The Mobile User Objective System (MUOS) is a satellite communications network designed to provide a worldwide, multi-service population of mobile and fixed-site terminal users with narrowband beyond line-of-sight communications services. Capabilities will include a considerable increase from current narrowband satellite command (SATCOM) capacity, as well as significant improvement in availability for small, disadvantaged terminals. The MUOS will provide graceful transition from the current ultra-high frequency follow-on narrowband SATCOM system. The MUOS will consist of the space transport segment, the ground transport segment, the user entry segment, the network management segment, the satellite control segment, and the ground infrastructure segment.

The Navy is acquiring MUOS under new DoD National Security Space Policy directives tailored for space programs. Three acquisition phases are planned, each utilizing full and open competition. The first phase or study phase was broken into two sequential contracted events. The first study event, a 21-month effort for concept exploration, is done. Six industry teams, consisting of commercial and DoD contractors, studied and recommended system concepts and architectures to meet MUOS Operational Requirements Document needs. The second study event, currently underway, is a planned 14-month task using two contractor teams selected to refine the architecture and develop technology. The second phase, Risk Reduction and Design Development, will develop and launch the first satellite along with associated ground infrastructure. The third phase, Acquisition and Operations Support, will procure and support the remainder of the satellites and associated segments. Initial Operational Capability is projected for 2008.

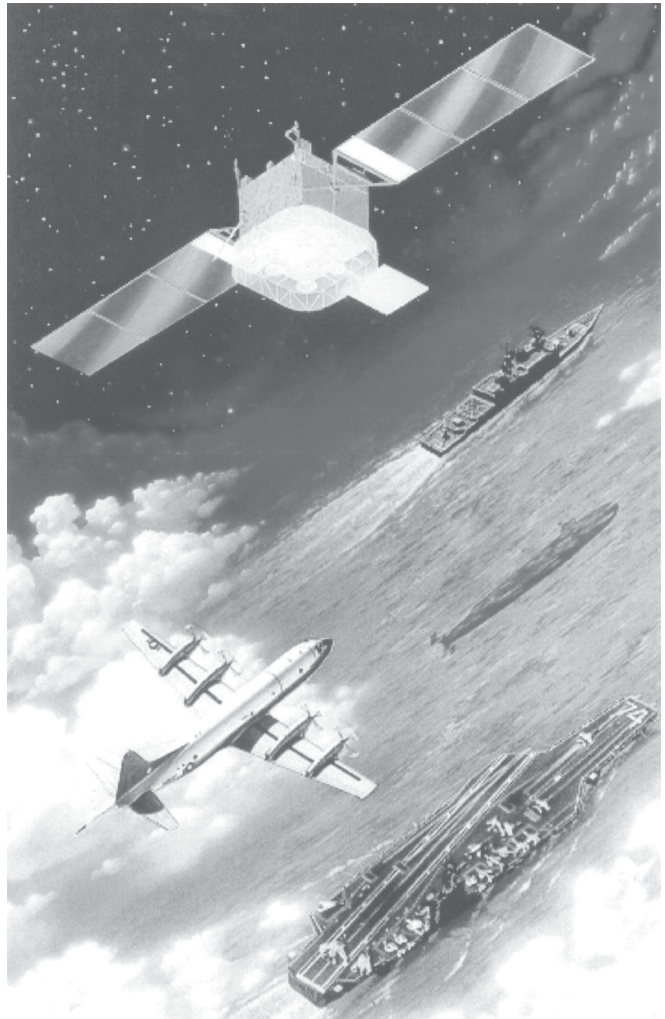
#### TEST & EVALUATION ACTIVITY

The evaluation strategy was written by a combined Test Force and is in coordination, prior to approval by DOT&E.

The combined Test Force will conduct government insight of the commercial developmental testing following commercial practices and will conduct combined developmental test/operational test as appropriate.

The operational test agencies, led by the Operational Test and Evaluation Force, are in the process of performing an early operational assessment, based on design review documentation submitted by the two contractors and early technology demonstrations.

Dedicated operational test and evaluation will take place after the launch of the first satellite in FY08.



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